

MISTER-COMFORT™ CARTCOOL™ INSTALLATION AND OPERATING INSTRUCTIONS

INSTALLATION INSTRUCTIONS:

- 1) Locate the “L” brackets. They will attach the Support Bar/CartCool to the cart.
 - a. For a top mount - Find an attach bolt in the top that is closest to the windshield. See Fig. 1
 - b. For a dash mount, determine where you want the top of the mister to be (higher is better) and mark the position on both the vertical top supports. See Fig. 2
- 2) For top mount - Loosen bolt and remove the nut. Place the lock washer on the bolt and install the long leg of the “L” bracket (two-hole side) on the bolt on the inside of the top using either hole and re-install the nut snugly but not tight. Fig-3
- 3) For dash mount – drill $\frac{1}{4}$ ” holes in the vertical supports. These holes should be drilled in from the sides, NOT the front or back. Put a $\frac{1}{4}$ ” X 20 1.5” bolt through from the outside of the vertical top support and put the lock washer on the bolt. Position the “L” bracket so that the long leg of the bracket is horizontal and install washer and self-locking nut in the farthest hole from the bend as shown in Fig. 4

NOTE: The “L” bracket and the Support Bar/CartCool can be positioned in any orientation to accomplish the desired location.

- 4) Locate the Support Bar/CartCool and position the Support Bar/CartCool between the “L” brackets. Ensure the Support Bar is centered. Using clamps (or an assistant), clamp the Support Bar/CartCool between the “L” brackets. Mark the Support Bar with a pencil using the “L” bracket holes as guides. Remove clamps and remove Support Bar.
- 5) Using a $\frac{1}{4}$ ” drill bit, drill through Support Bar at the pencil marks from the previous step.
- 6) Position the CartCool/Support Bar assembly so that the hole drilled previously in the Support Bar and the holes in the “L” bracket line up. Position sleeve as shown in fig 5 and insert bolts, washers and nuts thru the holes. Tighten all bolts.

Fig. 1



Fig. 2



Fig.3

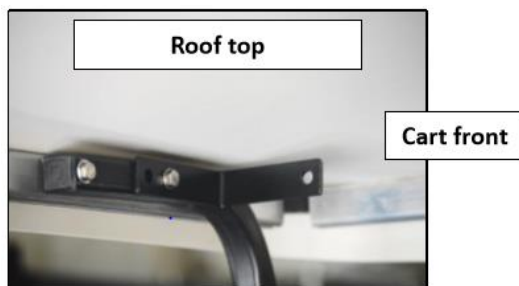
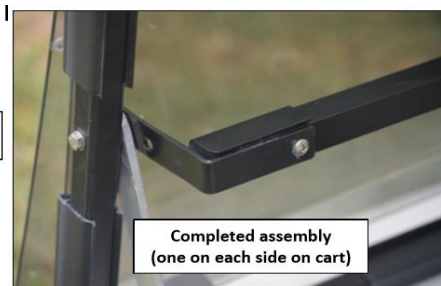


Fig. 4



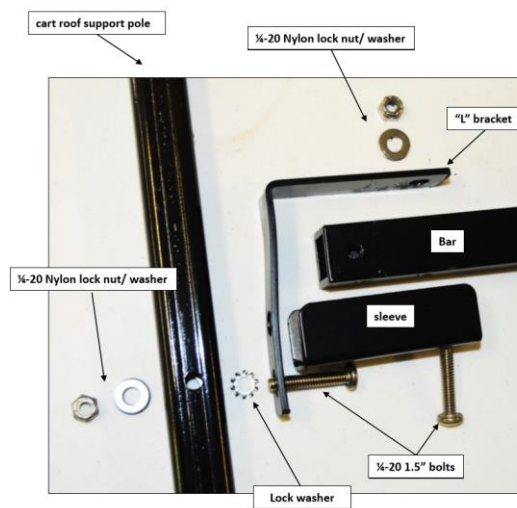


Fig. 5

WARNING: Disconnect battery positive terminal prior to attaching the CartCool system

- a. For gas carts, route to the cart on/off switch such that power is applied to the CartCool mister when the switch is in the “on” position. Wire the supplied fuse in the red (positive) side lead from mister. Attach red wire from fuse to the positive side of the switch and the black lead from mister to solid ground.
- b. For Electric carts, use the optional voltage regulator. Determine if 35-48 volts is available at the on/off switch. Attach the supplied fuse to the positive side of the switch. Attach the voltage regulator Red to the fuse and black to the negative lead. Attach the other Black (negative) from the voltage regulator to the black wire from the CartCool and Yellow (positive) to the Red wire of the CartCool.

OPERATING INSTRUCTIONS:

- 1) Remove water reservoir using the Velcro strap
 - 2) Unscrew reservoir from the cap with pump attached.
 - 3) Fill water reservoir with clean water and reinstall reservoir on cap with pump
 - 4) Remount water reservoir and secure with Velcro strap
 - 5) Turn on pump power by depressing the red power rocker button on the CartCool.
 - 6) Turn MIST control valve fully clockwise until water begins to flow from the misting nozzle (this may take a couple of minutes).
 - 7) Turn MIST control counter-clockwise to reduce the amount of MIST until a comfortable level is achieved.
- Note:** Steps 6-7 may need to be repeated if the CartCool mister is turn off for a long period or if the water reservoir runs dry.

TROUBLESHOOTING:

1. No Mist coming from unit
 - a. Ensure water in the tank sufficient to cover the water pump in the bottom of the reservoir
 - b. Turn the mist control knob from minimum to maximum several times
 - c. Remove the misting heads from the directional vents by unscrewing the nozzles. Remove the white plastic piece from the back of the nozzle by pulling straight out. Blow out both the nozzle and the white piece of plastic. Push plastic piece back into the nozzle until it seats. Re-install the nozzles.